

POWERED SURGICAL HANDPIECE  
WITH REMOVABLE CONTROL SWITCH

ABSTRACT

A surgical tool system (30) with a powered surgical handpiece (32). A removable handswitch (39) is attached to the handpiece. The handswitch includes a slip ring (192) that removably holds the handswitch to the handpiece. A lever arm (212) is pivotally attached to the slip ring. A magnet (190) is fitted in the lever arm. The angle of the lever arm is set by the surgeon to indicate the on/off state and operating speed of the handpiece. Internal to the handpiece is a sensor (94) that generates a signal based on the relative proximity of the magnet. The sensor signal is thus employed as the control signal for regulating the operation of the handpiece. Thus a surgeon can selectively use the handpiece with or without the mounted control switch.